# **Active Rain Monitoring Site Locations**

### SITE INDEX

SITE	Grid	PALMDALE	Grid
3A-36	K 8		H 5
3A-NE	J 8	PC61	E 5
3A-S	K 7	PEAVINE	
3A-SW	L7	PEL LAK1	H 8
951EXT	J3	PEL LAK2	
ACRA2 ACRAWX	G 8	PEL23 PERRINE	H 8
ALICO	16	PINE ISL	C 5
ALVA FAR	C 5	PLANT IN POPASH	I 10 H 3
ARCHBO 2	G 4	PRATT AN	H 9
AVONPK	E 5	RACOON PT	
BASING	F 6	RITTA	l 7
BCA10	M 6	ROCKK	E 7
BCA14	K 5	ROOK	K 3
BCA15	K 6	ROTNWX	J 6
BCA16		RUCWF	F 6
BCA17	K 5	S123	M 9
BCA18		S124	K 9
BCA19 BCA20	L 5	S125	K 9
BCA4	M 6 L 6	S127 S129	G 6
BCA9	L 6	S12D	L 7
BCBNAPLE	K 3	S13	K 9
BCSI	J 6	S131	H 6
BEELNE	B 5	S133	
BELLE GL	17	S135	G 7
BELLW	17	S140	K 7
BIRPMWS	G 5	S140W	
BIRPSW	G 5	S153	H 8
BIRPWS2	G 5	S154	
BISCAYNE	K 10	S155	I 10
BLUEGOOS	G 8	S165	M 8
BOGGYAFB	B 5	S167	M 8
BRYGR	14	S169	H 6
BSET	F 6	S174	N 8
C18W	H 9	S177	N 8
C24SE	F 8	S179	
CANAL P2 CFSW	H 7	S18C	N 8 J 6
CLEW.FS	16	S190 S191	G 7
COCO3	J 3	S2 S20	17 N 8
COLGOV	K3	S20F	N 9
	K3	S20G	N 9
COLLISEM	L 4	S21	М 9
CORK	J 4	S21A	M 9
CORK.HQ	J 4	S26	L 9
COWCRK	F 7	S27	L 9
CREEK	C 4	S28Z	L 9
CV5 DANHP	H 6	S29 S29Z	L 9
DAV2	F 7	S3	17
DCRK	H 3	S30	L 8
DEVILS		S308	H 8
DEVILS	15	S308	H 8
DUP3	H 8	S33	K 9
EAA2	17	S331	M 8
EAA4	H 8	S331W	M 8
EAA5		S332	N 8
EAST BEA EAST SHO	H 7	S334 S335	L 8
ELMAX	D 6	S336	L 8
ENR101		S338	M 8
ENR106	18	S34	K 8
ENR203	18	S352	H 7
ENR301		S36	K 9
ENR308	18	S37A	K 9
ENR401	18	S37B	
ENRP	18	S38	K 9
EVP376	F 7	S39	J 9
EXOT	C 6	S4	H 6
FHCHSX	I 10	S40	J 10
FKSTRN	K 5	S41	I 10
FLYING G	F 6	S44	H 10
FORT MEY		S46	H 9
FPWX	J 3	S47B	H 5
FT PIERC	F 9	S49	
FT. LAUD	K 9	S59	B 5
FTPIER G103	F 8	S5A S5AX	19
G136	16	S5AY	H 8
G200	J7	S6	
G331D	J 8	S61	C 5
G3ANW	J 7	S61W	
G3AS33	L 7	S65	D 5
G3ASWX	L 7	S65A	E 5
G54	K 9	S65AMW	
G56	J 9	S65C	F 6
G57	K 10	S65CW	
G600	J 6	S65D	F 6
GILL REA	K 9	S65DWX	
GOLDFS2	K 3	S65E	G 6
GRIFFITH GTRSLU	F 6	S68 S6Z	F 5
HGS5X	H 7	S7	J 8
HOMES.FS	N 8	S70	G 5
IMMOKA 3	J 4	S71	G 6
IMMOKALE	J 4	S72	
INDIAN L	D 5	S75	G 5
JBTS	B 4	S75WX	G 5
	O 8	S77	H 6
JDWX	G 9	S77	H 6
KENANS1	D 6	S78	H 5
KERI TOW	15	S78	H 5
KIRCOF	C4	S78W	
KISS.FS2	B 4	S79	13
KRBN	F 5	S79	13
KREF	E 5	S7WX	J8
L001	G 7	S7Z	J 7
L005	H 6	S8	
L006	H 7	S80	G 9
L2GW	16	\$80	G 9
LABELE	H4	\$82	F 5
LEHIGHW	13	S83	F 5
LOTELA	E4	S84	G 6
LWD.E1.3 LWD.E2	19	S9 S97	K 8
LWD.E2.2	J 9	S99	F 8
LWD.GA	J 10	SBDD	K 9
LWD.HQ		SCOTTO	F 8
LWD.L28	J 9	SCRG	B 4
LWD.L32		SEBRNG	F 5
LWD.L38M	J 10	SFCD	17
LWD.L39R LWD.MIL	J 9	SGGEWX SILVER	J 4
LWD.POWE	1 9	SIRG	H 9
LWD.RANG	1 9	SIXL3	K 5
LXWS	J 9	SLEE	13
LZ40	H 7	SNIVELY	D4
MARCO	L 3	SOUTH BA	17
MAXCYN	E 6	STA5WX	J 6
MAXCYS		SVWX	F 9
MBTS	N 8	TAMI AIR	M 8
MCARTH	F 5	TICK	E 5
MDTS MIAMI 2	N 8	TOHO10	C 5
MIAMI LO	L 9	TOHO15 TOWNSITE	C 5
MIAMI.AP	L 9	TPTS	O 9
MIAMI.FS		VENUSR	G 5
MICCO	F 5	VERO TOW	E 8
MOBLEY	F 7	WCA1ME	
NAPCON	K 3	WELLINEB	F 7
NAPLES OKALN	K 3	WHIDDEN WPB AIRP	H 4
OKALS	I 5	WPBC	H 8
OKEE FOR	F 7	WPBFS	
OKEEFS	F 7	WRWX	C 4
OPAL DALIONEE1	F 7 H 8	WSTWPB WWTP	I 9
PAHOKEE1 PAHOKEE2	H 8		

## **Legend**

#### **Monitoring Agency Location** & Number of Sites

- United States Army Corps of Engineers (5)
- South Florida Water Management District (287)

## **Facilities & Type**

- Field Station
- Head Quarters
- Water Quality Labratory
- Service Centers



## Please Note:

RAIN Monitoring Sites are current and active SFWMD or USACE locations that reside in the District's DBHYDRO corporate database. Displayed Site locations have data within the last 730 days. Status of Non-District data is based on the date of the most recent data received. For Map information please contact: Rick Householder @ Ext. 6582 or Diane Malone @ Ext. 6813 For Database information please contact: Brian Turcotte @ Ext. 6579

As of 1999, all Site coordinates are gathered using approved professional grade GPS Receivers with an accuracy level of two meters or higher.

## Please Note: All Mapped Dots represent Sites where monitoring stations are located. Please see the following descriptions for further darification.

26 45 00

26 30 00

26 00 00

25 45 00

25 30 00

25 15 00

25 00 00

24 45 00

24 30 00

Site / Station Definitions STATION: A specific coordinate that indicates where data (observations, sampling or monitoring) is collected. Data are usually assigned to Stations by various classifications such as Stage, Flow, Weather, and Water Quality. A coordinate may have more than one Station associated to it. The name given to a station has traditionally been similar to, or an exact duplicate of, the corresponding site name (see "site" below).

SITE: A representative point used to designate one or more Stations that are associated by proximity or project. Site level representation is to provide clarity for small scale mapping in lieu of displaying a high density of associated stations. The Site location is often based on the position of a recording device, such as a remote terminal unit (RTU), or can be derived from a common sense location between the associated stations. A Site should not be viewed as an area feature with specific boundaries but simply as a representative location of activity.

SUMMARY: BOTH A "STATION" AND "SITE" REPRESENT A LOCATION FOR INFORMATION, WITH STATION BEING SPECIFIC TO THE COLLECTION OF DATA AND SITE BEING A GENERAL APPROXIMATION OF ASSOCIATED STATIONS.

Gulf of

Mexico

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MIAMI-DADE

This map is a conceptual tool utilized for project development only. This map is not self-executing or binding, and does not otherwise affect the interests of any persons including any vested rights or existing uses of real property.

# **UPDATED 04/01/2008**

Map Compostion by: Diane Malone, Geographer (e-mail: dmalone@sfwmd.gov)

### **RAIN GAUGE RECORDING TYPE**



Atlantic

Ocean

### Recording **Tipping Bucket**

The tipping bucket precipitation gauge operates by measuring water volume in a lightweight, dual-compartment tipping device. The apparatus has two equally sized buckets on either end that balance on a horizontal axis. As one bucket is in the upright fill position, the other one is draining rainwater. Precipitation collected in the first bucket fills the causes the container to tip due to instability. the upright fill position, while the first bucket corresponds to a volume of/100th (0.01) of an inch of rainfall. This allows for the capture of discrete series of precipitation measurements over time.



27 45 00

27 15 00

27 00 00

26 30 00

26 15 00

25 45 00

25 30 00

25 15 00

25 00 00

24 45 00

#### Recording **Weighing Bucket**

The weighing bucket rain gauge consists of a rainfall collection reservoir that rests on a scale. Rainfall collected inside the reservoir exerts a weight proportional to the volume of rainfall, which is then recorded on a clockdriven chart. Thus, a continuous account of precipitation over time is achieved, usually in the form of a 7-day graph. The weighing bucket rain gauge allows the analyst to discern rainfall depth to the nearest 1/100th (0.01) of an inch.



#### Recording Float-Type Stilling Well

The float-type stilling well rain gauge provides continuous precipitation data by using a float mechanism inside the rainfall collection reservoir. Rainfall enters the collection chamber through a funnel to minimize disturbance of the water surface. A stilling device is located inside the reservoir to lessen erroneous oscillations caused by incoming water. The position of the float is recorded by a pen-trace system on a clock-driven chart to generate a plot of rainfall over time, usually in the form of a 30-day graph.

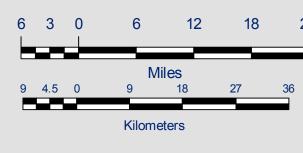


### Non-Recording **Standard Rain**

The standard rain gauge is a simple device that contains no mechanical components and is non-recording. The gauge itself consists of a collection area, funnel, and collection reservoir. Manual readings are typically made on a daily basis with a measuring stick calibrated to express rainfall volume in inches. Measurements are recorded in a field log to the nearest/100th (0.01) of an inch.

### **Other Areas of Interest**





Projection Datum: North American 1983 HARN Coordinate System: State Plane Florida East

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